

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajs11623

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS 3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS 4	MAR 31	CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS 5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS 6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS 8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS 10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS 11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS 12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS 14	JUN 06	KOREPAT updated with 41,000 documents
NEWS 15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS 17	JUN 25	CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS 20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS 21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS 22	JUL 28	CA/CAplus patent coverage enhanced
NEWS 23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS 24	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 25	JUL 28	STN Viewer performance improved
NEWS 26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS 27	AUG 13	CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 28	AUG 15	CAOLD to be discontinued on December 31, 2008

NEWS 29 AUG 15 CAplus currency for Korean patents enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:43:51 ON 18 AUG 2008

COST IN U.S. DOLLARS		SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST		0.21	0.21

FILE 'CAPLUS' ENTERED AT 13:44:30 ON 18 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 18 Aug 2008 VOL 149 ISS 8
FILE LAST UPDATED: 17 Aug 2008 (20080817/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s imid? and (enantiom? or stereoisome?) and (separat? or chromatogra? or (stationary (a) phase)) and py<=2004
171423 IMID?
65791 ENANTIOM?
35769 STEREOISOME?

436894 SEPARAT?
315325 SEP
12749 SEPS
326831 SEP
 (SEP OR SEPS)
489450 SEPD
 2 SEPDS
489452 SEPD
 (SEPD OR SEPDS)
113149 SEPG
627099 SEPN
 40514 SEPNS
647613 SEPN
 (SEPN OR SEPNS)
1594181 SEPARAT?
 (SEPARAT? OR SEP OR SEPD OR SEPG OR SEPN)
448286 CHROMATOGRA?
672421 CHROMATOG
 3652 CHROMATOGS
675075 CHROMATOG
 (CHROMATOG OR CHROMATOGS)
831134 CHROMATOGRA?
 (CHROMATOGRA? OR CHROMATOG)
120320 STATIONARY
 19 STATIONARIES
120335 STATIONARY
 (STATIONARY OR STATIONARIES)
1900794 PHASE
 389176 PHASES
2064117 PHASE
 (PHASE OR PHASES)
51594 STATIONARY (A) PHASE
25109076 PY<=2004
L1 339 IMID? AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMATOGRA? OR (STATIONARY (A) PHASE)) AND PY<=2004

=> s 11 and polysacch?
 106131 POLYSACCH?
L2 4 L1 AND POLYSACCH?

=> d 12 1-4 ibib abs

L2 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:882214 CAPLUS
DOCUMENT NUMBER: 141:19841
TITLE: *Enantiomeric* resolution of some human
 aldosterone synthase [CYP 11 B2] inhibitors on
 derivatized polysaccharide chiral
 stationary phases
AUTHOR(S): Aboul-enein, Hassan Y.; Hefnawy, Mohamed M.; Ehmer,
 Peter B.; Hartmann, Rolf W.
CORPORATE SOURCE: Pharmaceutical Analysis Laboratory, Biological and
 Medical Research Department (MBC-03), King Faisal
 Specialist Hospital and Research Center, Riyadh, 1211,
 Saudi Arabia
SOURCE: Journal of Separation Science (2003),
 26(15-16), 1455-1458
 CODEN: JSSCCJ; ISSN: 1615-9306
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Aldosterone synthase (CYP 11 B2) is a mitochondrial cytochrome P 450 enzyme catalyzing the last steps of aldosterone production in the adrenal cortex. A new pharmacol. approach for the treatment of the aldosterone-induced effects in congestive heart failure and all forms of hyperaldosteronism could be achieved through the use of (CYP 11 B2) inhibitors. The chiral resolution of some of active compds., namely 1-(4-pyridylmethyl)tetralin (I), 7-chloro-1-(1-imidazolyl)tetralin (II), and 5-hydroxy-2-(4-pyridylmethyl)indane (III), on various polysaccharide derivative chiral stationary phases, namely Chiralcel OD, OJ, OC, and Chiralpak AD and AS, in normal phase mode was achieved. The mobile phase used was hexane/2-propanol/triethylamine (9:1:0.1 volume/volume/v). The flow rate of the mobile phase was 0.8 mL/min and the wavelengths of detection of compds. I, II, and III were set at 288, 271, and 254 nm, resp. The chromatog. parameters: retention factor (k), selectivity (α), and resolution factor (Rs) were calculated. The chiral recognition mechanisms between these analytes and chiral selectors are discussed.

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2003:202937 CAPLUS
 DOCUMENT NUMBER: 138:239688
 TITLE: *Enantiomers* of 6-[(4-chlorophenyl)-hydroxy-(3-methyl-3H-imidazol-4-yl)-methyl]-4-[3-(3-hydroxy-3-methylbut-1-ynyl)-phenyl]-1-methyl-1H-quinolin-2-one and salts thereof, useful in the treatment of cancer
 INVENTOR(S): Guinn, Mark R.; Guhan, Subramanian Sam; Ng, Karl K.; Ewing, Marcus Douglas; Tickner, Derek L.; Pouwer, Kees; Meltz, Clifford N.; Li, Bryan
 PATENT ASSIGNEE(S): Osi Pharmaceuticals, Inc., USA; Pfizer Products, Inc.
 SOURCE: PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003021355	A1	20030313	WO 2002-US27464	20020829 <--
WO 2003021355	A9	20030710		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20030114487	A1	20030619	US 2002-228657	20020827 <--
US 6740757	B2	20040525		
AU 2002324817	A1	20030318	AU 2002-324817	20020829 <--
US 20040192727	A1	20040930	US 2004-824034	20040414 <--

US 7176315 B2 20070213
PRIORITY APPLN. INFO.: US 2001-315740P P 20010829
US 2002-228657 A3 20020827
WO 2002-US27464 W 20020829

AB This invention relates to the enantiomers of 6-[(4-chlorophenyl)hydroxy(3-methyl-3H-imidazol-4-yl)methyl]-4-[3-(3-hydroxy-3-methylbut-1-ynyl)phenyl]-1-methyl-1H-quinolin-2-one, prodrugs thereof, and pharmaceutically acceptable salts and solvates of said compds. and said prodrugs, that are useful in the treatment of hyperproliferative diseases, such as cancers, in mammals. The invention also relates to processes for the large-scale production of enantiomerically pure or optically enriched (+)- or (-)-6-[(4-chlorophenyl)hydroxy(3-methyl-3H-imidazol-4-yl)methyl]-4-[3-(3-hydroxy-3-methylbut-1-ynyl)phenyl]-1-methyl-1H-quinolin-2-one enantiomers from a mixture containing two enantiomers using continuous chromatog. with a liquid mobile phase containing ≥ 1 polar solvent and a solid chiral stationary phase based on a derivatized amylosic or cellulosic polysaccharide. The invention further relates to the L-(+)-tartaric acid or (S)-(-)-1,1'-binaphthyl-2,2'-diyl hydrogen phosphate salts of (+)-6-[(4-chlorophenyl)hydroxy(3-methyl-3H-imidazol-4-yl)methyl]-4-[3-(3-hydroxy-3-methylbut-1-ynyl)phenyl]-1-methyl-1H-quinolin-2-one and their manufacture

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:922353 CAPLUS
DOCUMENT NUMBER: 136:330683
TITLE: Analytical and semipreparative enantiomeric separation of azole antifungal agents by high-performance liquid chromatography on polysaccharide-based chiral stationary phases. Application to in vitro biological studies
AUTHOR(S): Cirilli, R.; Costi, R.; Di Santo, R.; Ferretti, R.; La Torre, F.; Angioletta, L.; Micocci, M.
CORPORATE SOURCE: Laboratorio di Chimica del Farmaco, Istituto Superiore di Sanita, Rome, 00161, Italy
SOURCE: Journal of Chromatography, A (2002), 942(1-2), 107-114
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB High-performance liquid chromatog. (HPLC) was used for the enantiomeric separation of chiral imidazole derivs. endowed with antimycotic activity. Enantioselective columns, containing carbamates of cellulose and amylose, were used. The influence of the nature and content of an alc. modifier in the mobile phase was studied. The isolated enantiomers, separated on semipreparative columns, were submitted to in vitro biol. investigations.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1998:137943 CAPLUS
DOCUMENT NUMBER: 128:217606
ORIGINAL REFERENCE NO.: 128:43115a, 43118a

TITLE: Separation of (R)- and (S)-tert-butyl
 2-tert-butyl-4-methoxy-2,5-dihydro-1,3-
imidazole-1-carboxylate (building block for
 amino acid synthesis) by preparative high performance
 liquid chromatography on a
polysaccharide stationary
phase

AUTHOR(S): Hoffmann, Matthias; Blank, Stefan; Seebach, Dieter;
 Kusters, Ernst; Schmid, Emil

CORPORATE SOURCE: Laboratorium fur Organische Chemie der Eidgenossischen
 Technischen Hochschule, ETH-Zentrum, Zurich, CH-8092,
 Switz.

SOURCE: Chirality (1998), 10(3), 217-222
 CODEN: CHRLEP; ISSN: 0899-0042

PUBLISHER: Wiley-Liss, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The preparative separation of the enantiomers of the title
 compound, a versatile chiral building block for the synthesis of unnatural
 amino acid esters, by high performance liquid chromatog. on a
chiral stationary phase (CSP), is reported for the
 first time. The CSP consists of amylose-(3,5-dimethylphenyl-carbamate),
 which has been coated onto the surface of macroporous aminopropyl-
 functionalized silica gel. The effect of mobile phase composition and the
 amount
 of amylose derivative on the silica gel has been thoroughly investigated.
 Using 2-propanol as organic modifier in hexane as mobile phase, on a
 semi-preparative column (200 mm + 40 mm ID, containing 192 g of
stationary phase) about 200 mg of the racemate was
separated per injection. Running the equipment under automatic
 conditions with repetitive injection mode allowed for the separation
 of 30 g per day. Both enantiomers were obtained with
 enantiopurities >99.75:0.25.

REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 13:43:51 ON 18 AUG 2008)

FILE 'CAPLUS' ENTERED AT 13:44:30 ON 18 AUG 2008

L1 339 S IMID? AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMA
 L2 4 S L1 AND POLYSACCH?

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	31.68	31.89
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.20	-3.20

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:45:56 ON 18 AUG 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajsl1623

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 14:02:51 ON 18 AUG 2008
FILE 'CAPLUS' ENTERED AT 14:02:51 ON 18 AUG 2008
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	31.68	31.89
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.20	-3.20

=> b reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.16	32.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.20	-3.20

FILE 'REGISTRY' ENTERED AT 14:03:09 ON 18 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 17 AUG 2008 HIGHEST RN 1041629-70-2
DICTIONARY FILE UPDATES: 17 AUG 2008 HIGHEST RN 1041629-70-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e benzoyl isocyanate/cn
E1 1 BENZOYL ISOBUTYRYL ANHYDRIDE/CN
E2 1 BENZOYL ISOBUTYRYL PEROXIDE/CN
E3 1 --> BENZOYL ISOCYANATE/CN

```

E4      1      BENZOYL ISOCYANATE, 2,3,6-TRICHLORO-/CN
E5      1      BENZOYL ISOCYANATE, 2,3-BIS(ACETYLOXY)-/CN
E6      1      BENZOYL ISOCYANATE, 2,4,6-TRIFLUORO-/CN
E7      1      BENZOYL ISOCYANATE, 2,4-DICHLORO-/CN
E8      1      BENZOYL ISOCYANATE, 2,4-DINITRO-/CN
E9      1      BENZOYL ISOCYANATE, 2,5-DICHLORO-/CN
E10     1      BENZOYL ISOCYANATE, 2,5-DIFLUORO-/CN
E11     1      BENZOYL ISOCYANATE, 2,5-DIMETHYL-/CN
E12     1      BENZOYL ISOCYANATE, 2,6-DIBROMO-/CN

```

```

=> s e3
L3      1 "BENZOYL ISOCYANATE"/CN

```

```

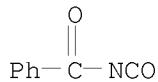
=> d 13

```

```

L3      ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
RN      4461-33-0  REGISTRY
ED      Entered STN: 16 Nov 1984
CN      Benzoyl isocyanate (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN      Benzoic acid, anhydride with HNCO (6CI, 7CI)
CN      Benzoic acid, anhydride with isocyanic acid (8CI)
OTHER NAMES:
CN      Isocyanic acid, anhydride with benzoic acid
CN      NSC 246191
MF      C8 H5 N O2
CI      COM
LC      STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
       CHEMINFORMRX, CHEMLIST, CSCHEM, GMELIN*, IFICDB, IFIPAT, IFIUDB, PS,
       SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL, USPATOLD
       (*File contains numerically searchable property data)
Other Sources: EINECS**
       (**Enter CHEMLIST File for up-to-date regulatory information)

```



```

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

```

```

536 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
537 REFERENCES IN FILE CAPLUS (1907 TO DATE)
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```

=> b caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	7.61	39.98
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		TOTAL
		SESSION
CA SUBSCRIBER PRICE	0.00	-3.20

```

FILE 'CAPLUS' ENTERED AT 14:03:54 ON 18 AUG 2008

```

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 18 Aug 2008 VOL 149 ISS 8
FILE LAST UPDATED: 17 Aug 2008 (20080817/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s 13
L4      537 L3

=> s 14 and (enantiom? or stereoisome?) and (separat? or chromatogra? or
(stationary (a) phase))
      65791 ENANTIOM?
      35769 STEREOISOME?
      436894 SEPARAT?
      315325 SEP
      12749 SEPS
      326831 SEP
          (SEP OR SEPS)
      489450 SEPD
          2 SEPDS
      489452 SEPD
          (SEPD OR SEPDS)
      113149 SEPG
      627099 SEPN
          40514 SEPNS
      647613 SEPN
          (SEPN OR SEPNS)
      1594181 SEPARAT?
          (SEPARAT? OR SEP OR SEPD OR SEPG OR SEPN)
      448286 CHROMATOGRA?
      672421 CHROMATOG
          3652 CHROMATOGS
      675075 CHROMATOG
          (CHROMATOG OR CHROMATOGS)
      831134 CHROMATOGRA?
          (CHROMATOGRA? OR CHROMATOG)
      120320 STATIONARY
          19 STATIONARIES
      120335 STATIONARY
```

(STATIONARY OR STATIONARIES)

1900794 PHASE

389176 PHASES

2064117 PHASE

(PHASE OR PHASES)

51594 STATIONARY (A) PHASE

L5 2 L4 AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMATOGR? OR (STATIONARY (A) PHASE))

=> s 14 and polysaccharide and py<=2004

66894 POLYSACCHARIDE

83651 POLYSACCHARIDES

105594 POLYSACCHARIDE

(POLYSACCHARIDE OR POLYSACCHARIDES)

25109076 PY<=2004

L6 1 L4 AND POLYSACCHARIDE AND PY<=2004

=> d 16 ibib

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:927146 CAPLUS

DOCUMENT NUMBER: 141:395757

TITLE: Preparation of polysaccharide carbamates as resolving agents for separating optical isomers by liquid chromatography

INVENTOR(S): Okamoto, Yoshio; Yamamoto, Chiyo

PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan

SOURCE: PCT Int. Appl., 19 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004094342	A2	20041104	WO 2004-JP5760	20040422 <--
WO 2004094342	A3	20050303		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1618949	A2	20060125	EP 2004-728920	20040422
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1758958	A	20060412	CN 2004-80006201	20040422
KR 2007066816	A	20070627	KR 2005-713457	20050721
IN 2005DN04495	A	20070824	IN 2005-DN4495	20051004
US 20070039890	A1	20070222	US 2005-552939	20051017
PRIORITY APPLN. INFO.:			JP 2003-119710	A 20030424
			WO 2004-JP5760	W 20040422

```
=> d 15 1-2 ibib bas
'BAS' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'
```

The following are valid formats:

```
ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATs ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
           SCAN must be entered on the same line as the DISPLAY,
           e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
           containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
           its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
           structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
           its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
           structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs
```

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format

specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):end

=> d 15 1-2 ibib abs

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:927146 CAPLUS
DOCUMENT NUMBER: 141:395757
TITLE: Preparation of polysaccharide carbamates as resolving
agents for separating optical isomers by
liquid chromatography
INVENTOR(S): Okamoto, Yoshio; Yamamoto, Chiyo
PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004094342	A2	20041104	WO 2004-JP5760	20040422
WO 2004094342	A3	20050303		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1618949	A2	20060125	EP 2004-728920	20040422
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1758958	A	20060412	CN 2004-80006201	20040422
KR 2007066816	A	20070627	KR 2005-713457	20050721
IN 2005DN04495	A	20070824	IN 2005-DN4495	20051004
US 20070039890	A1	20070222	US 2005-552939	20051017
PRIORITY APPLN. INFO.:			JP 2003-119710	A 20030424
			WO 2004-JP5760	W 20040422

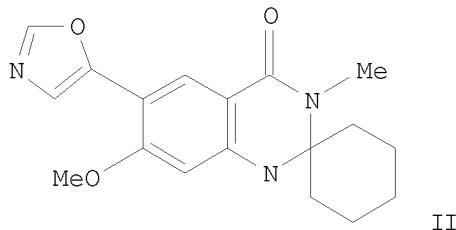
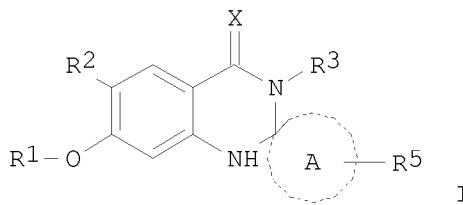
AB Agents for separating optical isomers, which comprises, as the effective component thereof, a polysaccharide derivative wherein at least a part of hydrogen atoms of the hydroxyl groups of the polysaccharide is substituted with at least one of the groups represented by the general formulas CONHCOR and COCOR (wherein R represents a substituted or unsubstituted aromatic group or an aliphatic group of a linear chain, a branched chain or a ring form), are prepared. The agents for separating optical isomers exhibit improved separating performance. Thus, cellulose and 4-methylbenzoyl isocyanate were stirred in pyridine with heating to give cellulose tris(4-methylbenzoylcarbamate) (I) which (0.225 g) was dissolved

in THF and added to 3-aminopropylated silica gel (0.9 g), followed by evaporation of the solvent under reduced pressure to give I-supported on silica gel as a packing material. This packing material was packed in a stainless steel column (0.2 cm diameter X 25 cm length) by a slurry method to give a liquid chromatog. column for separation of optical isomers. Enantiomers of (RS)-benzoin were separated by liquid chromatog. using the column obtained above, with a separation coefficient (α) of 1.13.

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:220329 CAPLUS
 DOCUMENT NUMBER: 140:270870
 TITLE: Preparation of quinazolinone derivatives as inosine 5'-monophosphate dehydrogenase inhibitors with therapeutic uses
 INVENTOR(S): Haughan, Alan Findlay; Buckley, George Martin; Davies, Natasha; Dyke, Hazel Joan; Hannah, Duncan Robert; Morgan, Trevor; Richard, Marianna Dilani; Sharpe, Andrew; Williams, Sophie Caroline
 PATENT ASSIGNEE(S): Celltech R & D Limited, UK
 SOURCE: PCT Int. Appl., 102 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022554	A1	20040318	WO 2003-GB3878	20030905
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003263323	A1	20040329	AU 2003-263323	20030905
PRIORITY APPLN. INFO.:			GB 2002-20813	A 20020907
			GB 2002-29186	A 20021214
			GB 2003-12775	A 20030604
			WO 2003-GB3878	W 20030905

OTHER SOURCE(S): MARPAT 140:270870
 GI



AB Quinazolinones and quinazolinethiones (shown as I; variables defined below; e.g. II) and the salts, solvates, hydrates, tautomers, isomers or N-oxides thereof are claimed. Compds. I are potent inhibitors of IMP dehydrogenase (IMPDH); each of the 118 examples inhibit IMPDH with IC₅₀ ≤ 5 μM. For I: X is O or S; R1 is an aliphatic, cycloaliph. or cycloalkyl-alkyl-; R2 is an (un)substituted heteroarom. group or a -CN group; R3 is -(Alk1)mL1(Alk2)nR4 (m and n are each 0 or 1; Alk1 and Alk2 are each an (un)substituted aliphatic or heteroaliph. chain; L1 is a covalent bond or a linker atom or group; and R4 is H or an (un)substituted cycloaliph., heterocycloaliph., aromatic or heteroarom. group). A is an (un)substituted cycloaliph. or heterocycloaliph. group optionally fused to an (un)substituted aryl or heteroaryl group; R5, which may be attached to any available C or N atom present in the cycloaliph. or heterocycloaliph., or where fused, aryl or heteroaryl group, is a group -(Alk3)tL2(Alk4)vR6 (t and v are each 0 or 1; Alk3 and Alk4 are each an (un)substituted aliphatic or heteroaliph. chain; L2 is a covalent bond or a linker atom or group; and R6 is a H or halogen atom or a -CN group or an (un)substituted cycloaliph., heterocycloaliph., aromatic or heteroarom. group). Although the methods of preparation are not claimed, 118 example preps. are included. For example, II was prepared in 60 % yield from 2-amino-4-methoxy-N-methyl-5-(oxazol-5-yl)benzamide, MgSO₄ and PTSA in CH₂Cl₂ to which cyclohexanone was added.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 13:43:51 ON 18 AUG 2008)

FILE 'CAPLUS' ENTERED AT 13:44:30 ON 18 AUG 2008
 L1 339 S IMID? AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMA
 L2 4 S L1 AND POLYSACCH?

FILE 'REGISTRY' ENTERED AT 14:03:09 ON 18 AUG 2008
 E BENZOYL ISOCYANATE/CN
 L3 1 S E3

FILE 'CAPLUS' ENTERED AT 14:03:54 ON 18 AUG 2008
 L4 537 S L3

L5 2 S L4 AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMATOG
L6 1 S L4 AND POLYSACCHARIDE AND PY<=2004

=> logoff hold
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.43	65.41

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.60	-4.80

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:05:37 ON 18 AUG 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajsl1623

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 15:26:21 ON 18 AUG 2008
FILE 'CAPLUS' ENTERED AT 15:26:21 ON 18 AUG 2008
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.43	65.41

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.60	-4.80

=> d his

(FILE 'HOME' ENTERED AT 13:43:51 ON 18 AUG 2008)

FILE 'CAPLUS' ENTERED AT 13:44:30 ON 18 AUG 2008
L1 339 S IMID? AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMA
L2 4 S L1 AND POLYSACCH?

FILE 'REGISTRY' ENTERED AT 14:03:09 ON 18 AUG 2008
E BENZOYL ISOCYANATE/CN
L3 1 S E3

FILE 'CAPLUS' ENTERED AT 14:03:54 ON 18 AUG 2008
L4 537 S L3
L5 2 S L4 AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMATOG
L6 1 S L4 AND POLYSACCHARIDE AND PY<=2004

=> s l4 and (polysacc? or amylo? or cellulo?)
106231 POLYSACC?
64318 AMYLO?
395400 CELLULO?

L7 5 L4 AND (POLYSACC? OR AMYLO? OR CELLULO?)

=> s 17 and py<=2004
25109076 PY<=2004
L8 3 L7 AND PY<=2004

=> d 18 scan

L8 3 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC G03C
CC 74-3 (Radiation Chemistry, Photochemistry, and Photographic Processes)
TI Toners for heat-developable photographic copying papers
ST copying photothermog aminocarbonylphtalazinone; development photothermog
copy toner; silver behenate photothermog thermophoto; halide silver
photothermog copying; behenic acid photothermog copying
IT Photographic emulsions
(heat-developable, containing silver behenate, reducing agents, and
carbamoylphtalazinone toners)
IT Photothermography
(heat-sensitive compns. for, containing silver behenate, reducing agents,
and carbamoylphtalazinone toners)
IT 112-85-6 2489-05-6
RL: USES (Uses)
(image receiving sheets containing, for photothermog. copying materials)
IT 119-47-1 123-31-9, uses and miscellaneous
RL: USES (Uses)
(photog. developer, for photothermog. copying materials)
IT 41504-42-1 51642-16-1
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. sensitizer, for photothermog. copying materials)
IT 119-39-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with isocyanates)
IT 103-71-9 4461-33-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with phthalazinone)
IT 51642-11-6 51642-12-7 51642-13-8 51642-14-9 51642-15-0
RL: USES (Uses)
(toner, for photothermog. copying materials)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L8 3 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC G03C007-34
CC 74-2 (Radiation Chemistry, Photochemistry, and Photographic and Other
Reproductive Processes)
TI Silver halide photographic sensitive material
ST phenolic cyan photog coupler
IT Photographic couplers
(cyan, acylaminophenol derivs. as)
IT 95924-86-0 95924-87-1 95924-88-2 95924-89-3 95924-90-6
95924-91-7
RL: TEM (Technical or engineered material use); USES (Uses)
(cyan photog. coupler)
IT 95924-84-8P
RL: RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(formation and hydrogenation of, in preparation of benzoylureidoaminophenol
as intermediate in preparation of cyan photog. coupler)
IT 95924-85-9P

RL: RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(formation and reaction of, with (butanesulfonylaminophenoxy)chloride
in preparation of cyan photog. coupler)

IT 95962-99-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrogenation of, in preparation of intermediate compound for preparation
of cyan
photog. coupler)

IT 95924-92-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with (di-tert-pentylphenoxy)tetradecanoyl chloride in
preparation of cyan photog. coupler)

IT 4461-33-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with aminonitrophenol in preparation of benzoylureanitrophenol
an intermediate in preparation of cyan photog. coupler)

IT 121-88-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with benzoyl isocyanate in preparation of benzoylnitrophenol
an intermediate in preparation of cyan photog. coupler)

IT 90661-79-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with benzoylureidoaminophenol in preparation of cyan photog.
coupler)

IT 4083-64-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chloronitrophenol in preparation of intermediate compound
for preparation of cyan photog. coupler)

IT 610-78-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with toluenesulfonyl isocyanate in preparation of intermediate
compound for preparation of cyan photog. couplers)

IT 84954-12-1
RL: USES (Uses)
(reaction off, in preparation of cyan photog. coupler)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L8 3 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC ICM C07B
CC 33-5 (Carbohydrates)
TI Preparation of polysaccharide carbamates as resolving agents for
separating optical isomers by liquid chromatography
ST polysaccharide carbamate silica gel supported prepn resolving
agent; optical isomer sepn liq chromatog column
IT Resolution (separation)
(chromatog.; preparation of polysaccharide carbamates supported on
silica gel as resolving agents for separating optical isomers by liquid
chromatog.)
IT Liquid chromatographic stationary phases
Resolution (separation)
(preparation of polysaccharide carbamates supported on silica gel
as resolving agents for separating optical isomers by liquid chromatog.)
IT Polysaccharides, preparation
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST
(Analytical study); PREP (Preparation); USES (Uses)
(preparation of polysaccharide carbamates supported on silica gel
as resolving agents for separating optical isomers by liquid chromatog.)
IT 790227-14-4DP, supported on 3-aminopropylated silica gel 790227-14-4P,

Cellulose tris(4-methylbenzoylcarbamate) supported on 3-aminopropylated silica gel 790227-16-6DP, 790227-16-6P,
Cellulose tris(4-chlorobenzoylcarbamate) supported on 3-aminopropylated silica gel 790229-10-6DP, 790229-11-7DP,
supported on 3-aminopropylated silica gel 790229-11-7P, Amylose tris(benzoylcarbamate) 790229-12-8DP, supported on 3-aminopropylated
silica gel 790229-12-8P, Amylose tris(4-methylbenzoylcarbamate) 790229-13-9DP, supported on 3-aminopropylated
silica gel 790229-13-9P, Amylose tris(4-chlorobenzoylcarbamate) 790229-14-0DP, supported on 3-aminopropylated
silica gel 790229-14-0P, Amylose tris(3,5-dimethylbenzoylcarbamate)
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)
(preparation of polysaccharide carbamates supported on silica gel as resolving agents for separating optical isomers by liquid chromatog.)
IT 119-53-9, (RS)-Benzoin 487-26-3, 2-Phenyl-3,4-dihydro-2H-benzopyran-4-one 529-81-7 1439-07-2, trans-2,3-Diphenyloxirane 1444-65-1, 2-Phenylcyclohexanone 18026-23-8, 1,2,2,2-Tetraphenylethanol 21679-46-9, Cobalt triacetylacetone 32750-01-9, 2,2'-Dihydroxy-6,6'-dimethylbiphenyl 65487-67-4, 1-(Anthracen-10-yl)-2,2,2-trifluoroethanol 79455-24-6, trans-Cyclopropane-1,2-bis(phenylcarboxamide)
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); PROC (Process)
(preparation of polysaccharide carbamates supported on silica gel as resolving agents for separating optical isomers by liquid chromatog.)
IT 5928-66-5P, (R)-Benzoin 5928-67-6P, (S)-Benzoin 14645-24-0P 17002-31-2P, (S)-2-Phenyl-3,4-dihydro-2H-benzopyran-4-one 21003-63-4P, (R)-1,2,2,2-Tetraphenylethanol 21003-64-5P, (S)-1,2,2,2-Tetraphenylethanol 21451-74-1P 25144-18-7P, (2R,3R)-2,3-Diphenyloxirane 27439-12-9P, (R)-2-Phenyl-3,4-dihydro-2H-benzopyran-4-one 34248-50-5P, A-Cobalt tris(acetylacetone) 34281-93-1P, (R)-2-Phenylcyclohexanone 34281-94-2P, (S)-2-Phenylcyclohexanone 40102-60-1P, (2S,3S)-2,3-Diphenyloxirane 50600-77-6P, Δ-Cobalt tris(acetylacetone) 53531-34-3P, (R)-1-(Anthracen-10-yl)-2,2,2-trifluoroethanol 60646-30-2P, (S)-1-(Anthracen-10-yl)-2,2,2-trifluoroethanol 100072-59-1P 107724-51-6P 154052-02-5P, (S)-2,2'-Dihydroxy-6,6'-dimethylbiphenyl 189332-09-0P, (R)-2,2'-Dihydroxy-6,6'-dimethylbiphenyl
RL: PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation)
(preparation of polysaccharide carbamates supported on silica gel as resolving agents for separating optical isomers by liquid chromatog.)
IT 55-21-0, Benzamide 499-06-9, 3,5-Dimethylbenzoic acid 506-87-6, Ammonium carbonate 619-55-6, p-Toluamide 619-56-7, 4-Chlorobenzamide 919-30-2, 3-Aminopropyltriethoxysilane 9004-34-6, Cellulose, reactions 9005-82-7, Amylose
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of polysaccharide carbamates supported on silica gel as resolving agents for separating optical isomers by liquid chromatog.)
IT 4461-33-0P, Benzoyl isocyanate 4461-36-3P, 4-Chlorobenzoyl isocyanate 5692-35-3P, 3,5-Dimethylbenzamide 5843-46-9P, 4-Methylbenzoyl isocyanate 6613-44-1P, 3,5-Dimethylbenzoyl chloride 66244-10-8P, 3,5-Dimethylbenzoyl isocyanate
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of polysaccharide carbamates supported on silica gel as resolving agents for separating optical isomers by liquid chromatog.)
IT 919-30-2DP, 3-Aminopropyltriethoxysilane, reaction product with silica gel

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of polysaccharide carbamates supported on silica gel
as resolving agents for separating optical isomers by liquid chromatog.)

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 13:43:51 ON 18 AUG 2008)

FILE 'CPLUS' ENTERED AT 13:44:30 ON 18 AUG 2008

L1 339 S IMID? AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMA
L2 4 S L1 AND POLYSACCH?

FILE 'REGISTRY' ENTERED AT 14:03:09 ON 18 AUG 2008

E BENZOYL ISOCYANATE/CN
L3 1 S E3

FILE 'CPLUS' ENTERED AT 14:03:54 ON 18 AUG 2008

L4 537 S L3
L5 2 S L4 AND (ENANTIOM? OR STEREOISOME?) AND (SEPARAT? OR CHROMATOG
L6 1 S L4 AND POLYSACCHARIDE AND PY<=2004
L7 5 S L4 AND (POLYSACC? OR AMYLO? OR CELLULO?)
L8 3 S L7 AND PY<=2004

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	35.83	75.81
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.60	-4.80

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:28:56 ON 18 AUG 2008